

UNITED STATES PATENT AND TRADEMARK OFFICE
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PATENT NO. : 6,876,606 **B2**
APPLICATION NO.: 09/778,421
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INVENTOR(S) : Osamu KAJINO, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Claims:

Claim 7 should read as follows:

7. A motor controlling device according to claim 5, wherein:
the acceleration detector includes a digital filter for receiving the rotation speed $N(n)$ of the motor and outputting an average rotation speed $N'(n)$, and
the differential calculator calculates the acceleration $A(i)$ using the average rotation speed $N'(n)$ instead of the rotation speed $N(n)$.

Claim 8 should read as follows:

8. A motor controlling device according to claim 12, wherein the digital filter calculates the average rotation speed $N'(n)$ by expression (3):
$$N'(n) = (N(n) + (m-1) \cdot N'(n-1)) / m \dots \dots \text{expression (3)}$$

where m is a positive integer.

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